



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday July 1, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Heavy rain/flash flooding possible**
 - **Today: NM/OK/AR/TX Panhandle & extreme N TX**
 - **Tomorrow: NM into TX Panhandle/NW TX/SW OK and for NE LA**
- **Heavy rain/flash flood potential across S NM and SE TX/S LA on Saturday continuing for SE TX/S LA into early next week.**
- **Tropical Storm Elsa formed early this morning and is forecast to move into the eastern Caribbean Sea on Friday & Saturday and approach Hispaniola and Cuba on Sunday.**
 - **No impacts to FEMA 6 in the next 5 days. Too early to determine any potential impacts beyond 5 days due to uncertainty in the forecast.**

FEMA Region 6 Threat Matrix

Jul 1, 2021 - Jul 5, 2021



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms					
Heavy Rain / Flash Flooding	TX/OK Panhandles SW OK	NM, TX/OK Panhandles, NWTX, SW OK, NE LA	S NM SETX, S LA	SETX, S LA	SETX, S LA
	NM/OK/AR Extreme NTX				
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding	OK	OK	OK	OK SETX, SW LA	OK SETX, SW LA
	SETX, SW LA	SETX, SW LA	SETX, SW LA		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



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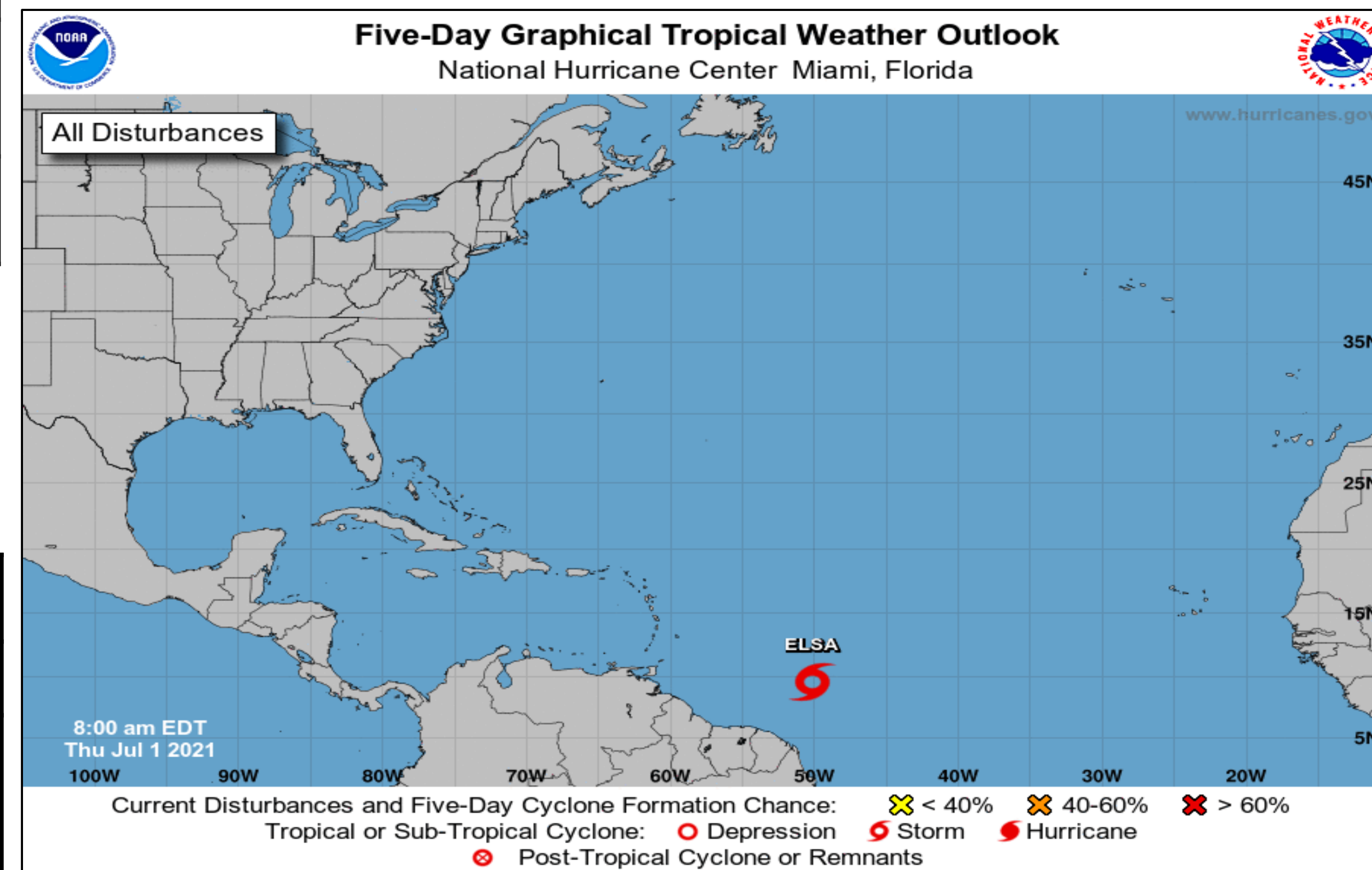
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Elsa	No impacts in the next 5 days. Too early to determine any potential impacts beyond 5 days due to uncertainty in the forecast.



Tropical Storm Elsa



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Bottom Line Up Front

No impacts to FEMA Region 6 in the next 5 days. It is too early to determine potential impacts beyond 5 days given the uncertainty in the forecast.

Discussion and Outlook

At 5am AST, Elsa was moving toward the west near 25 mph. An even faster motion to the west-northwest is expected over the next 24 to 36 hours. On the forecast track, the system will pass near or over portions of the Windward Islands or the southern Leeward Islands on Friday, move into the eastern Caribbean Sea late Friday and Friday night, and move near the southern coast of Hispaniola on Saturday.

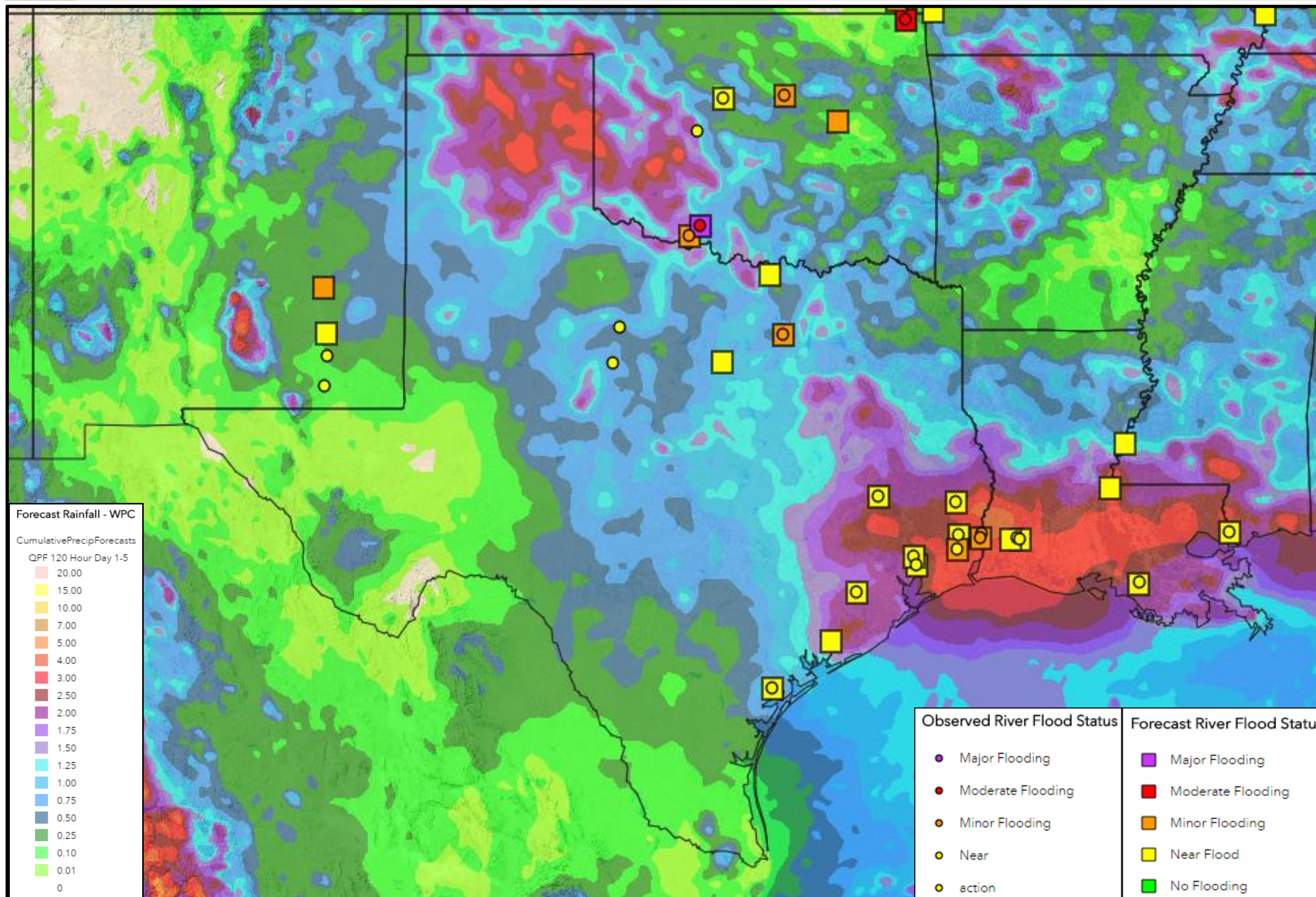
Maximum sustained winds have increased to near 40 mph with higher gusts. Some additional strengthening is forecast during the next couple of days. Tropical-storm-force winds extend outward up to 105 miles from the center.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



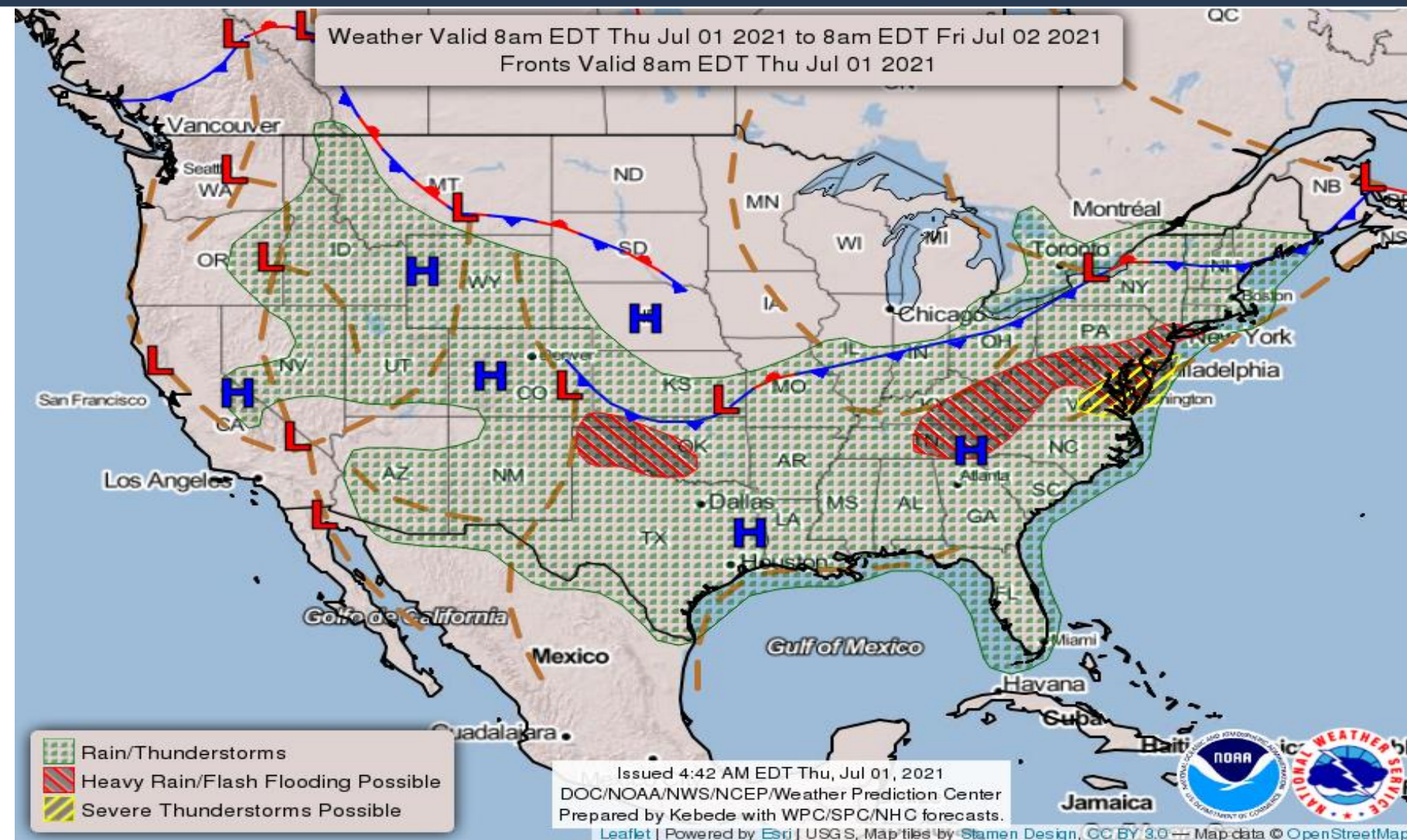
Minor river flooding continues across SE TX and SW LA with flooding of agricultural, recreational areas and secondary roads.

The Neosho River in NE OK is in moderate flood. Low lying areas around Miami become cut off from easy access. Riverview Park experiences moderate flooding. State Highway 125 near the fairgrounds will be threatened. Rapid decrease in flooding is expected and this point will be below flood stage by late Saturday.

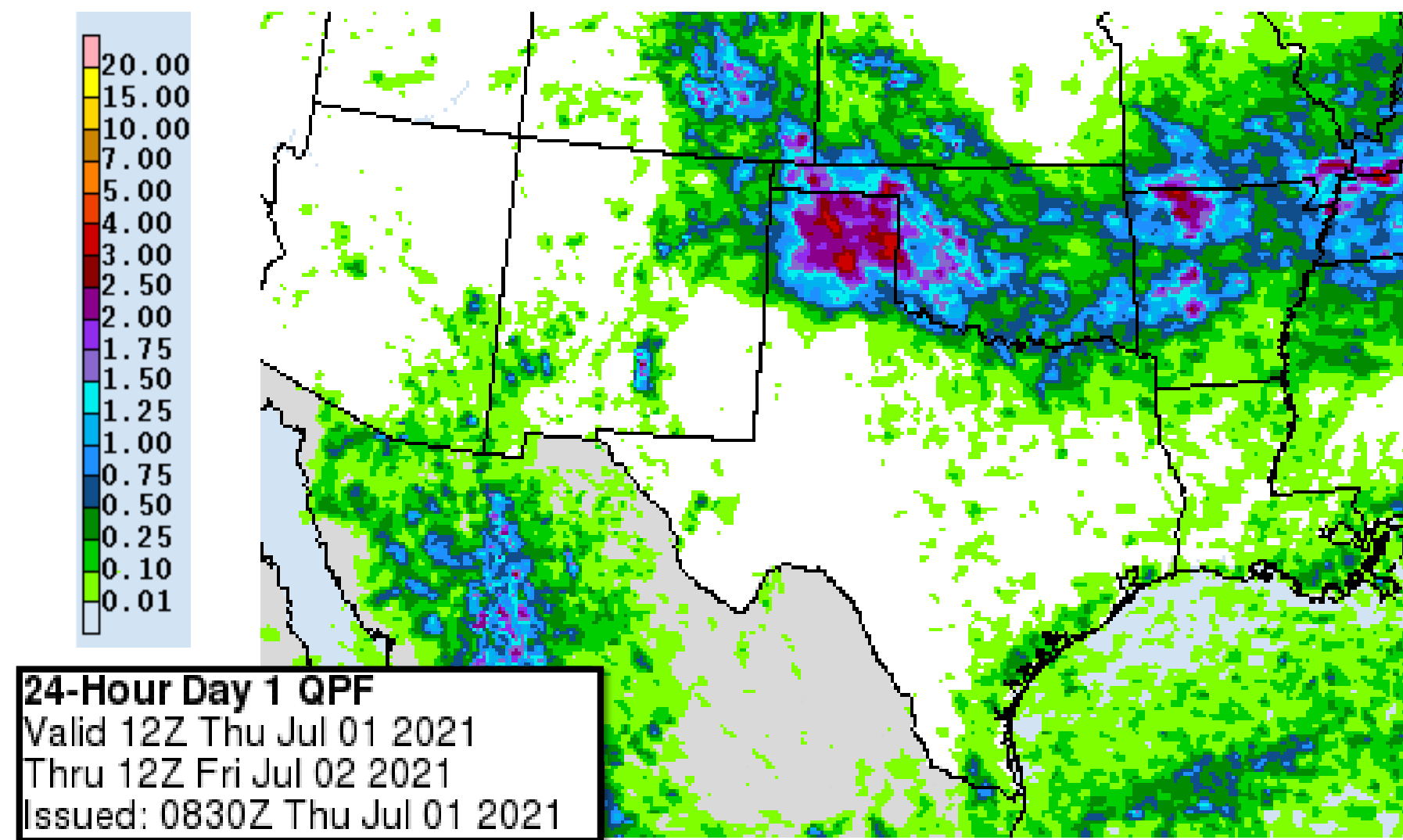
East Cache Creek near Walters in SW OK is dropping below major flood into moderate today. Valley-wide flooding of croplands, pastures, and local roads occurs. Rapid decrease in flooding is expected and this point will be below flood stage by tomorrow morning.

Today's Weather

Forecast Chart



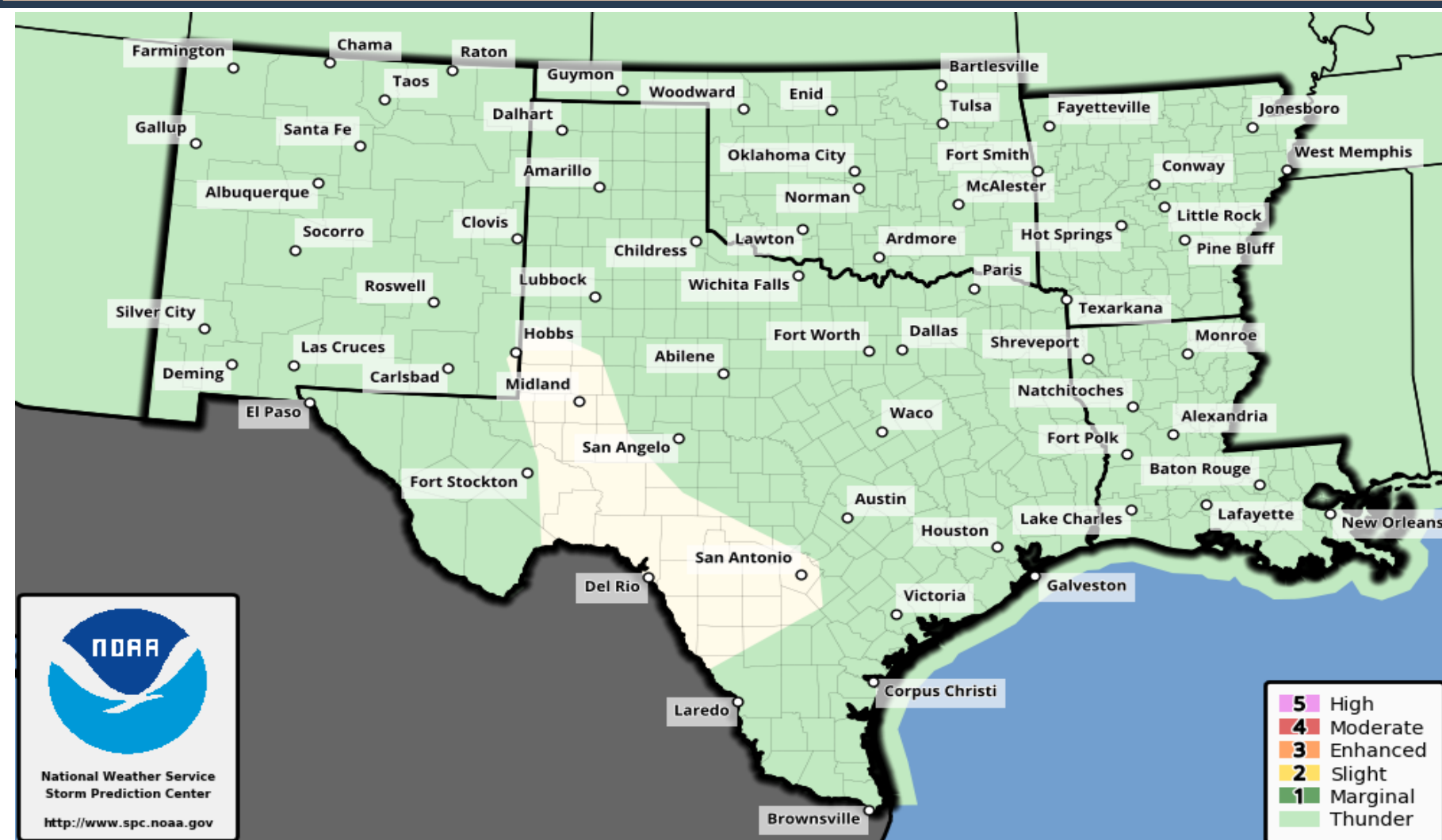
Forecast Rainfall



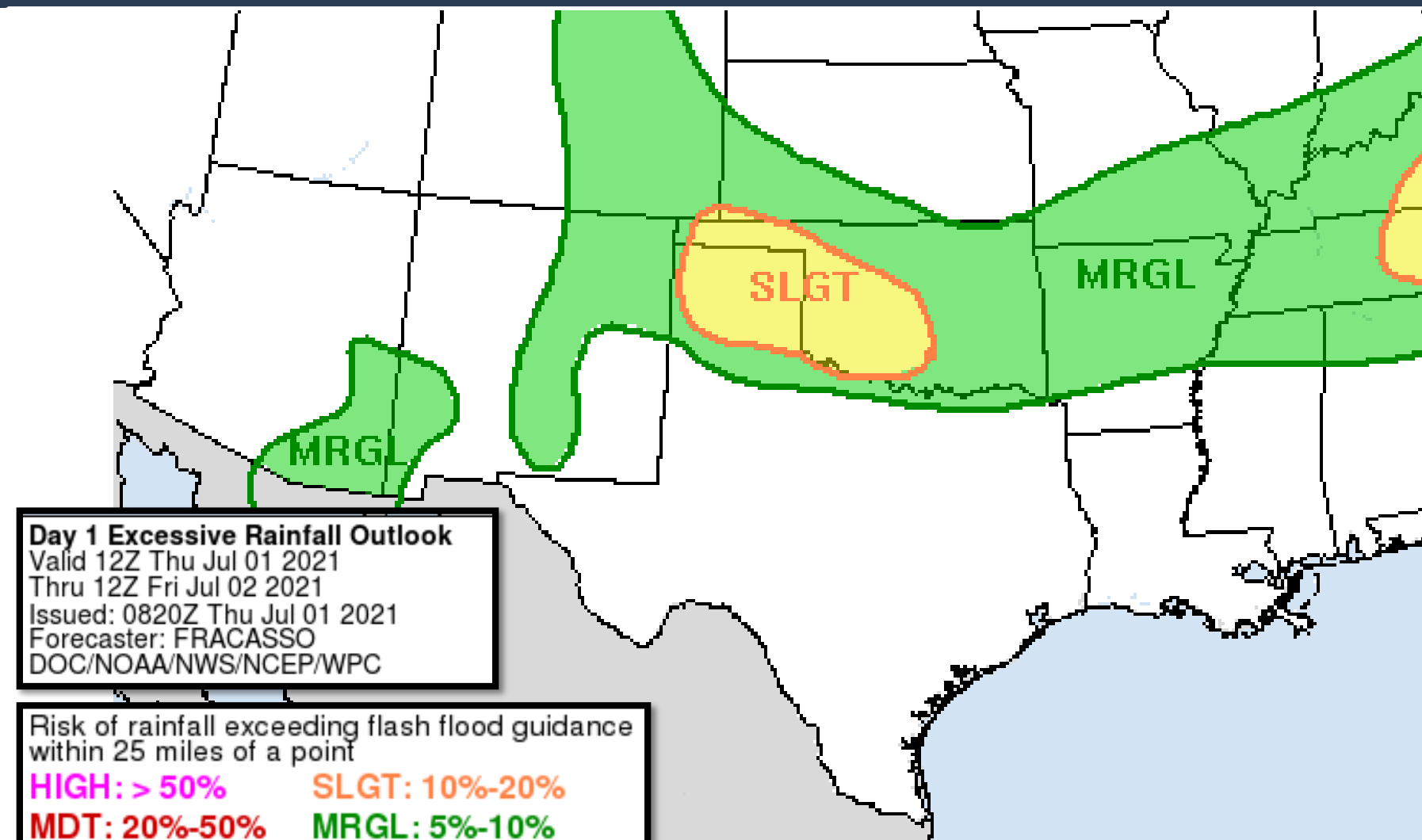
Scattered heavy rainfall and flash flooding across the TX/OK Panhandles into SW OK.

Isolated heavy rainfall and flash flooding will be possible across NM/AR/OK into extreme NTX.

Severe Weather Outlook



Excessive Rainfall Outlook

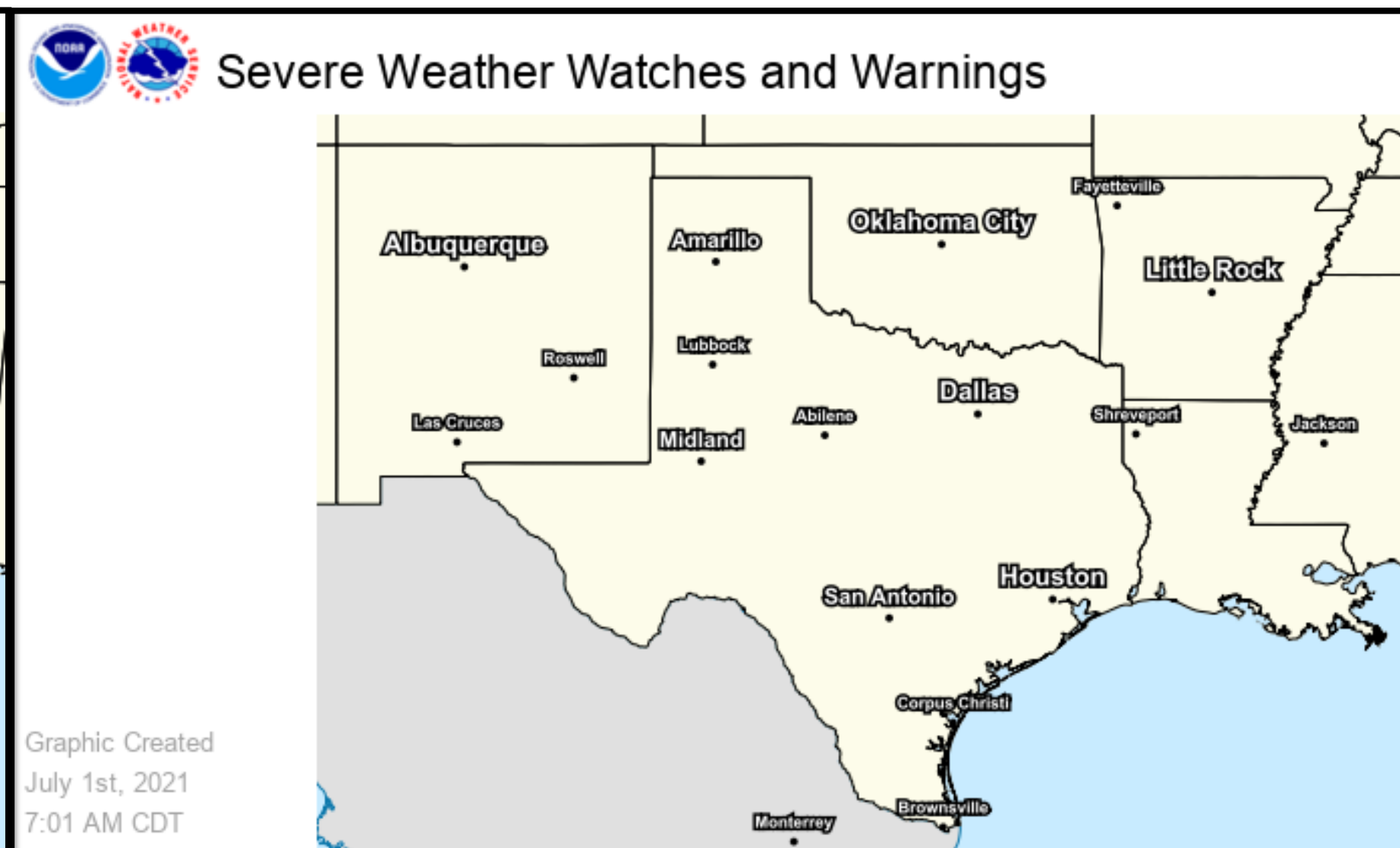


Watches, Warnings, and Advisories

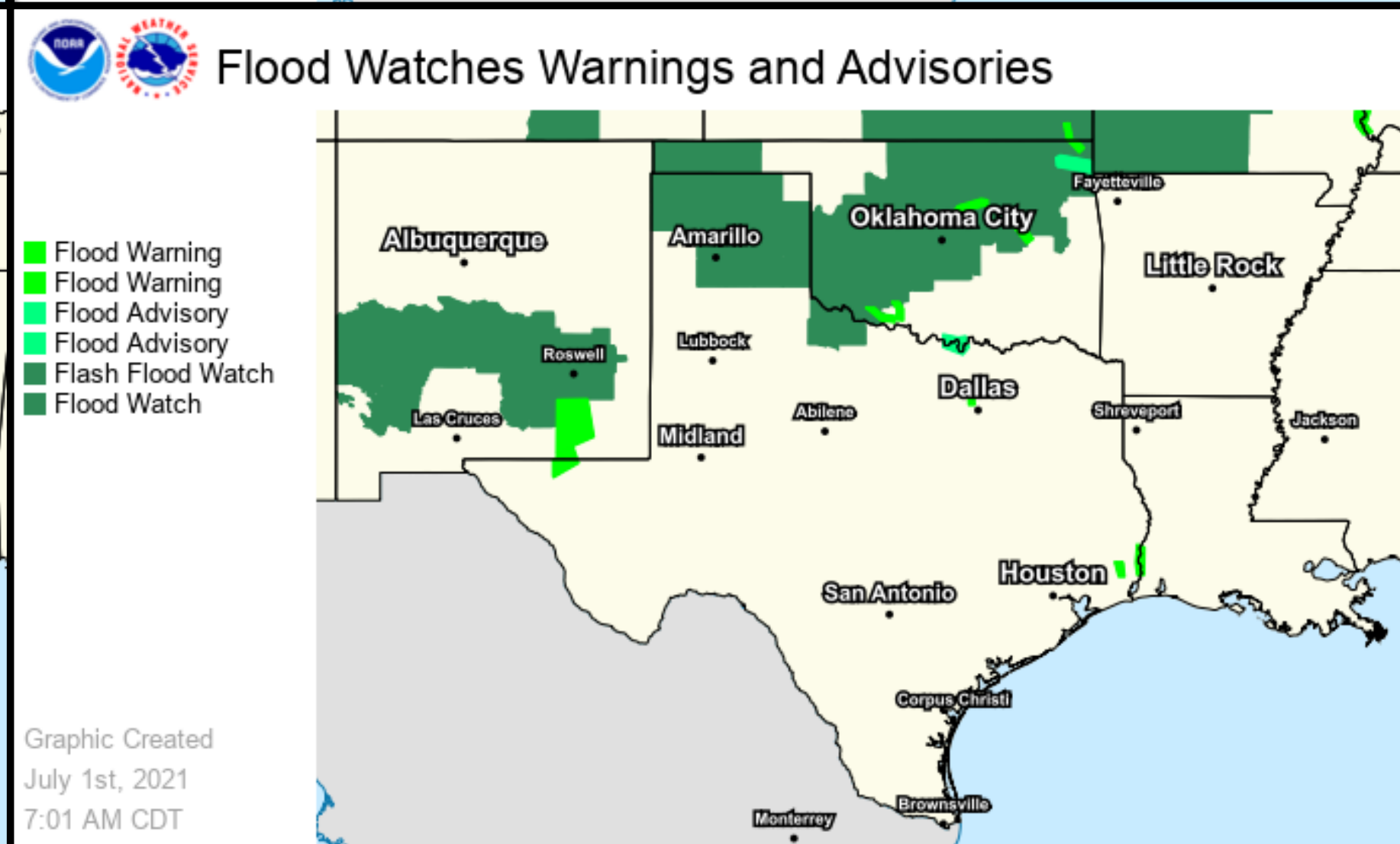
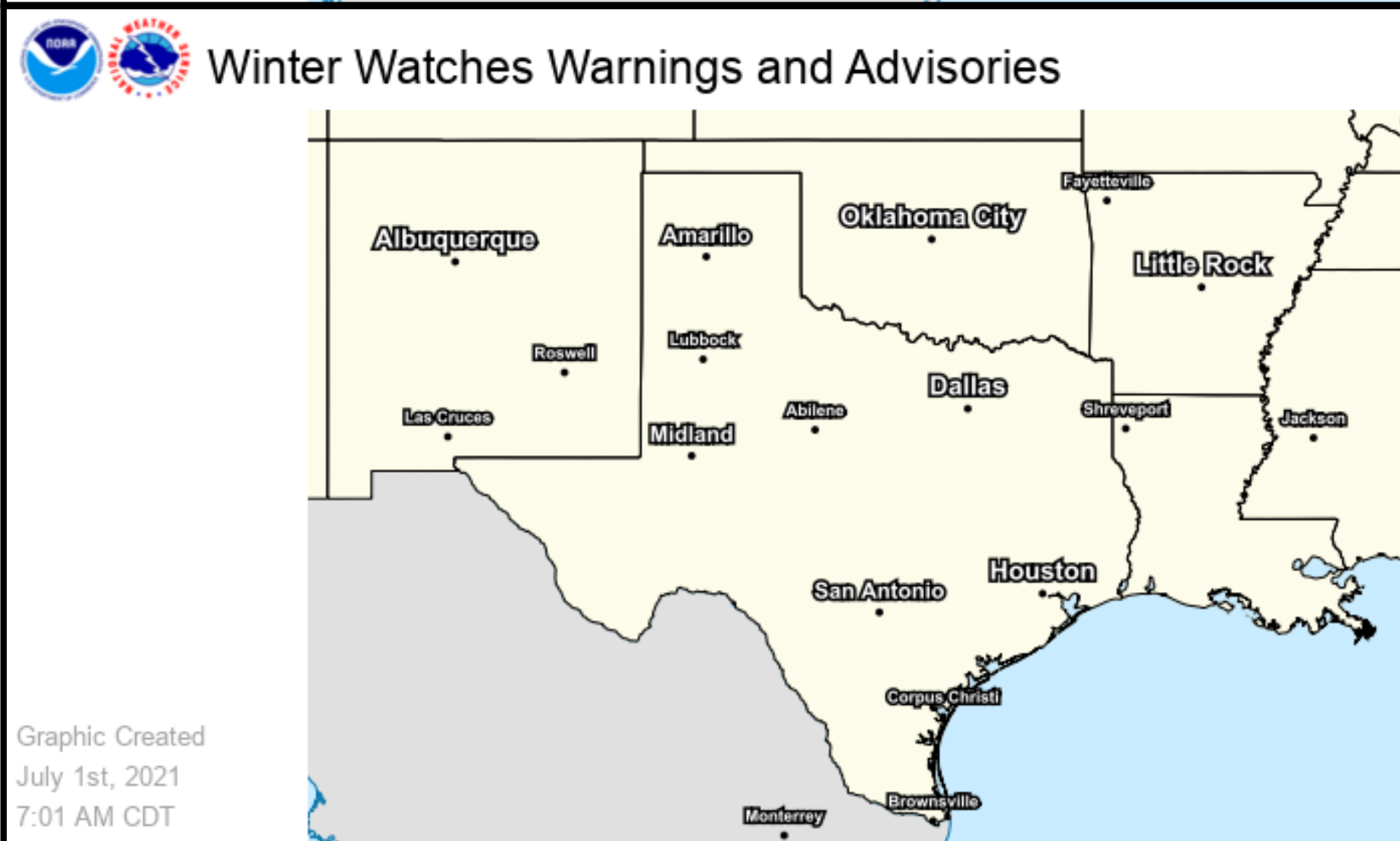
Wind, Severe, Winter, and Flood Hazards



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Flash Flood Watches in effect today across portions of NM, OK, the TX Panhandle, and NW TX.

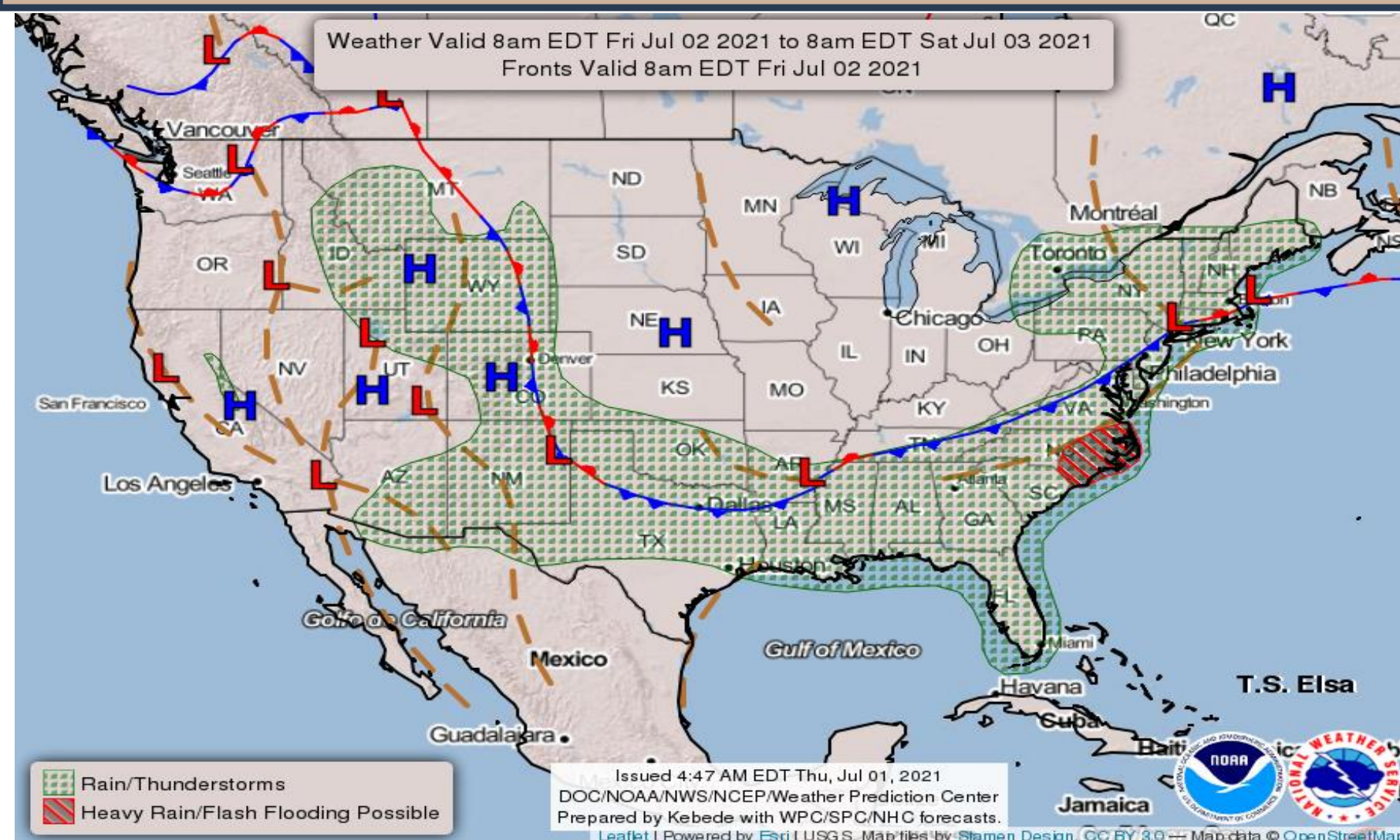


Tomorrow's Weather

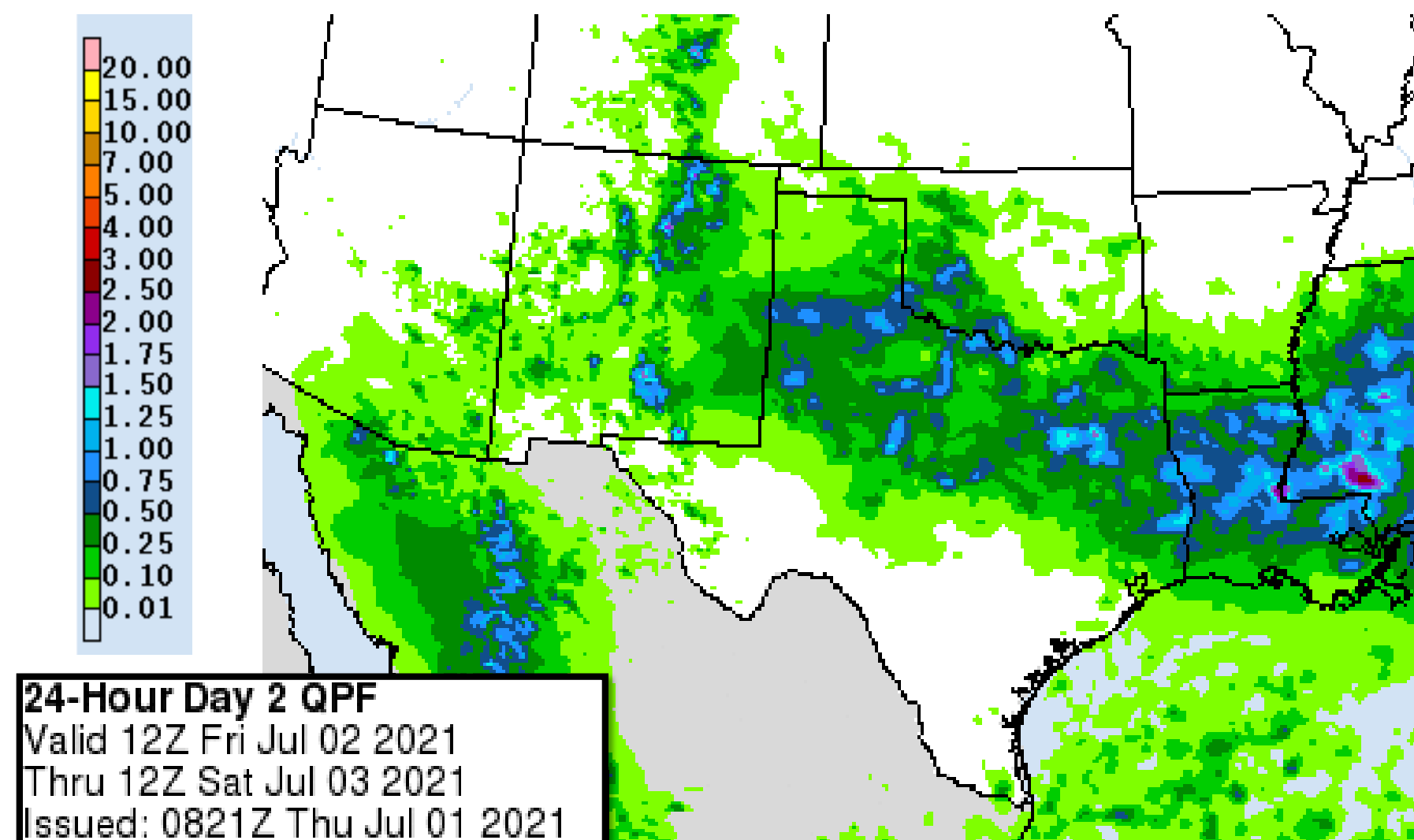


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Forecast Chart

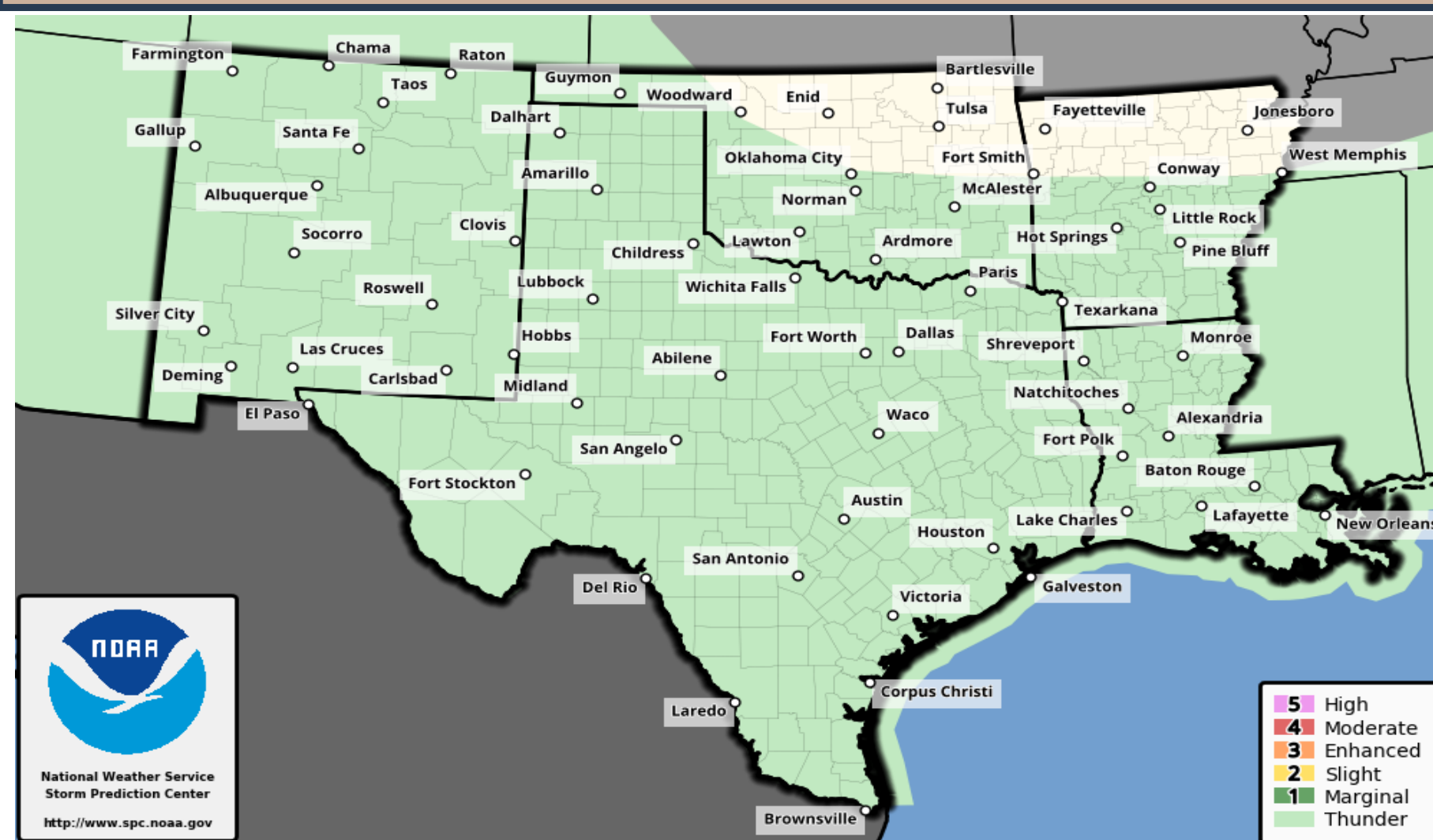


Forecast Rainfall

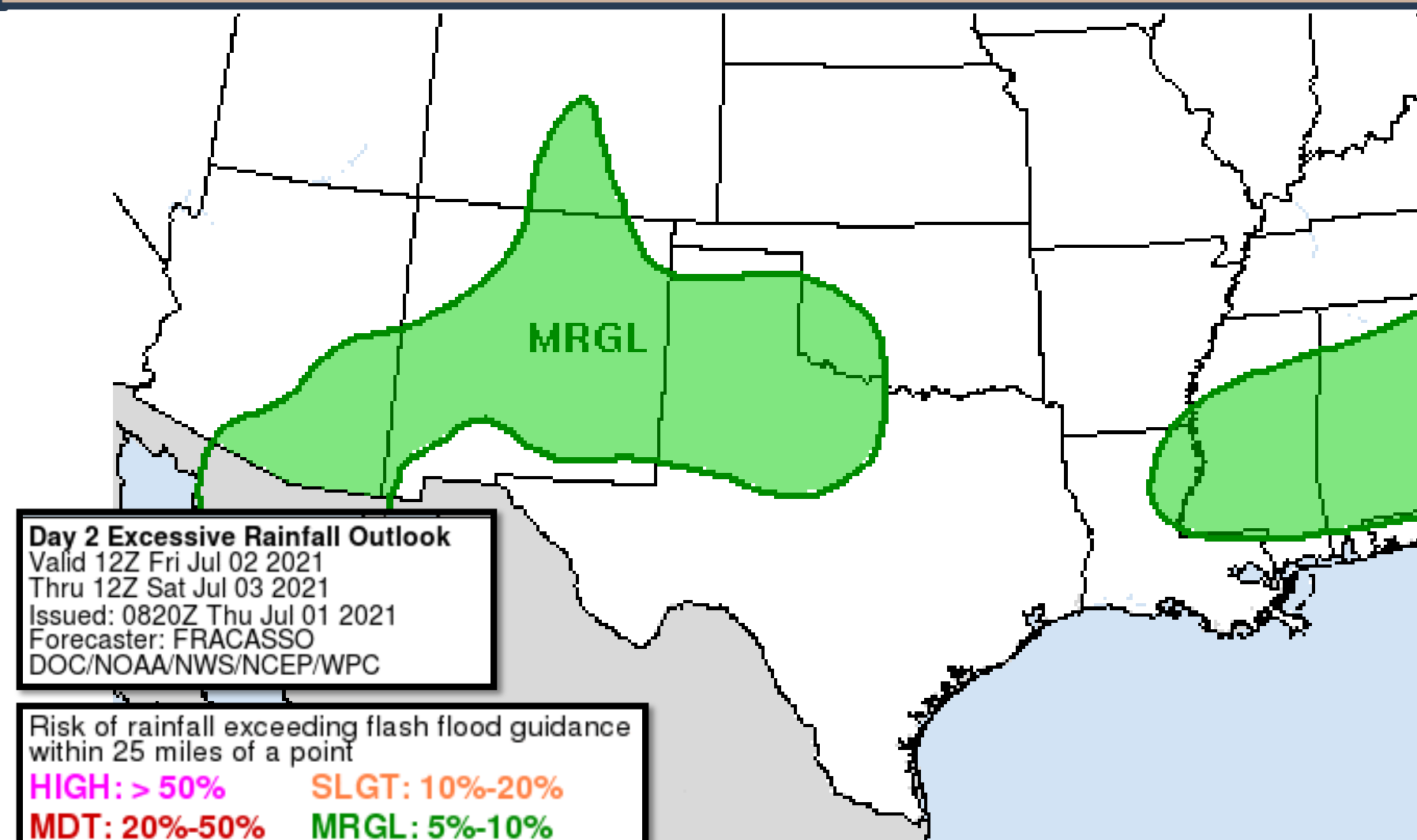


Isolated heavy rainfall and flash flooding will be possible across NM into the TX Panhandle, NW TX and SW OK and also for NE LA.

Severe Weather Outlook

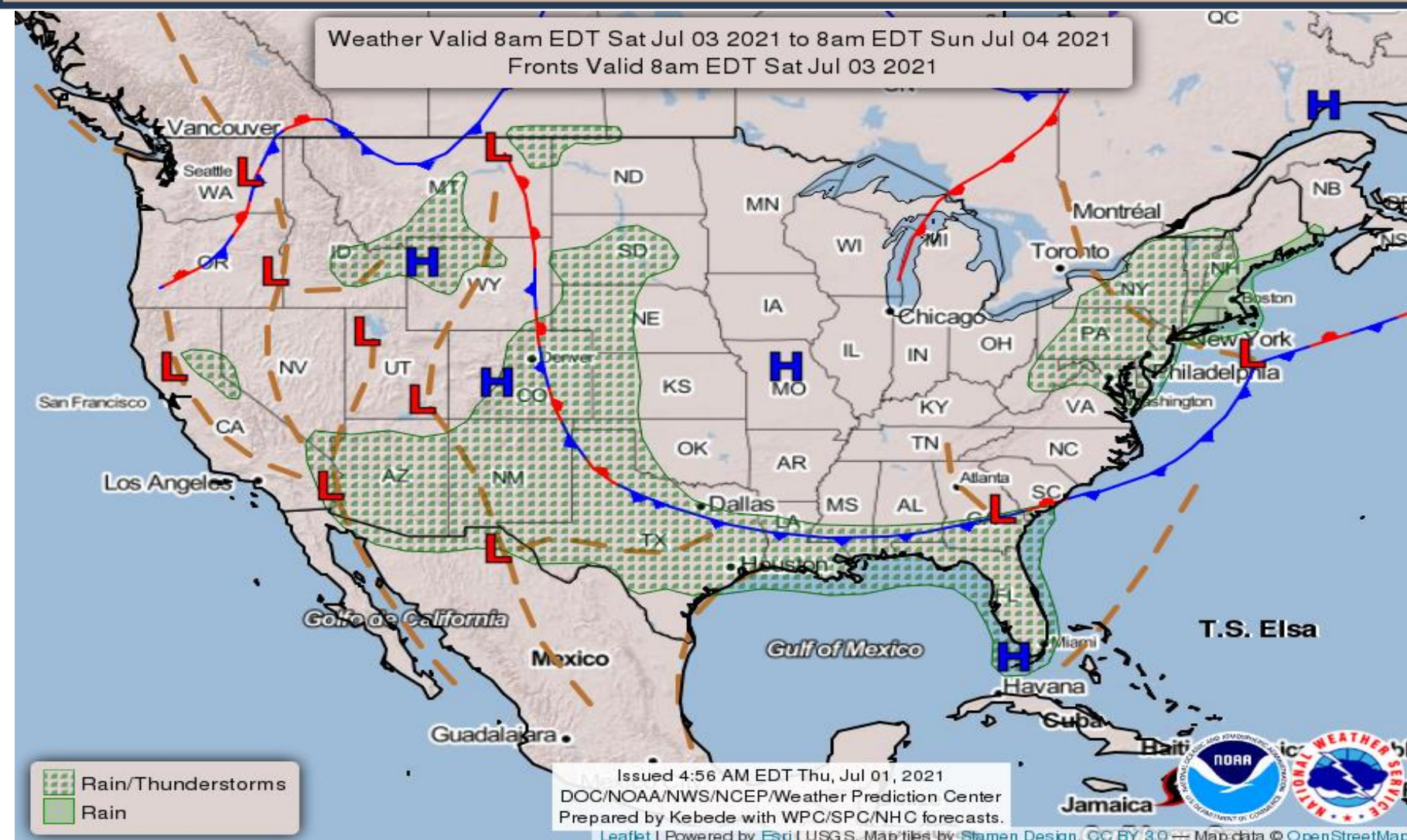


Excessive Rainfall Outlook

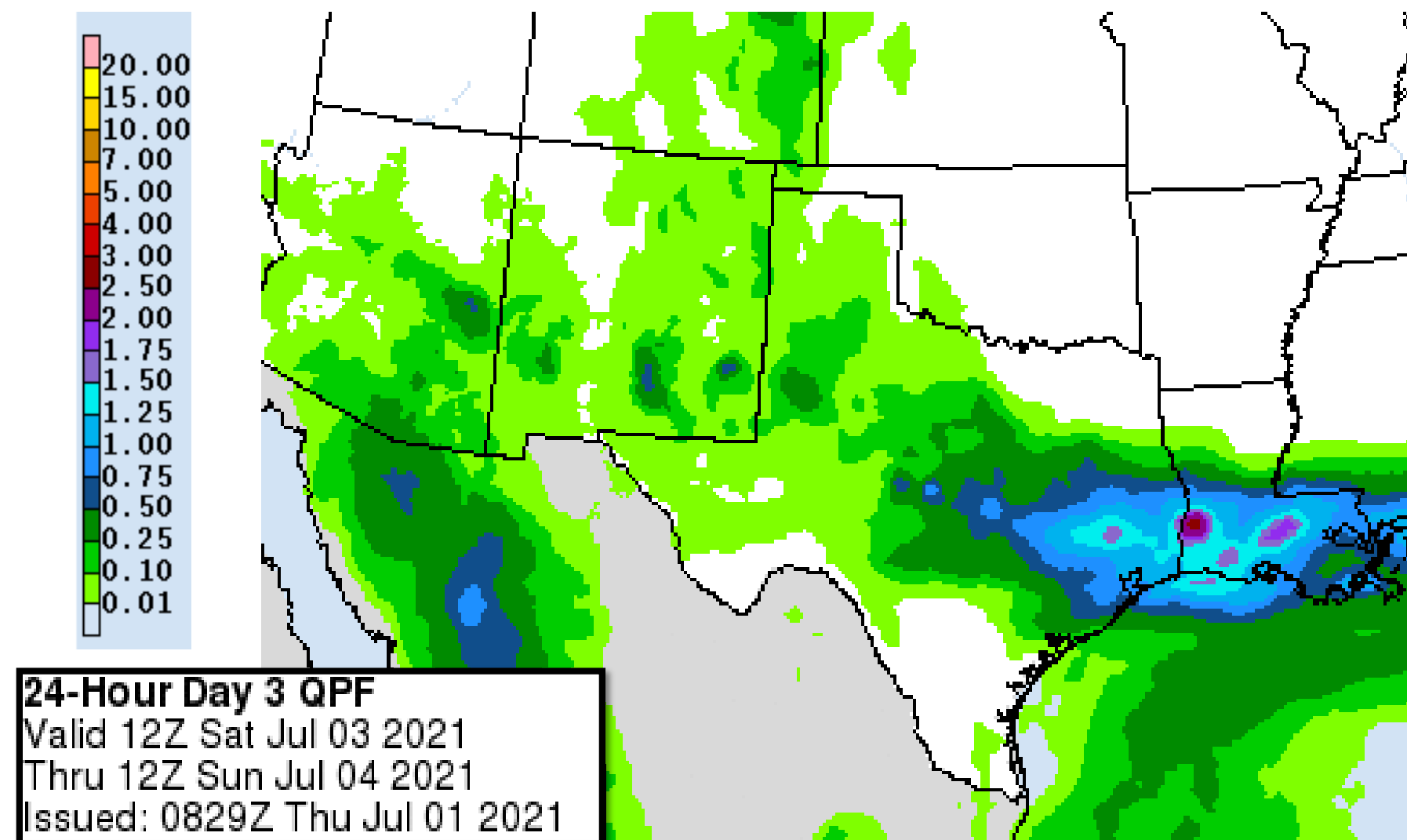


Saturday's Weather

Forecast Chart

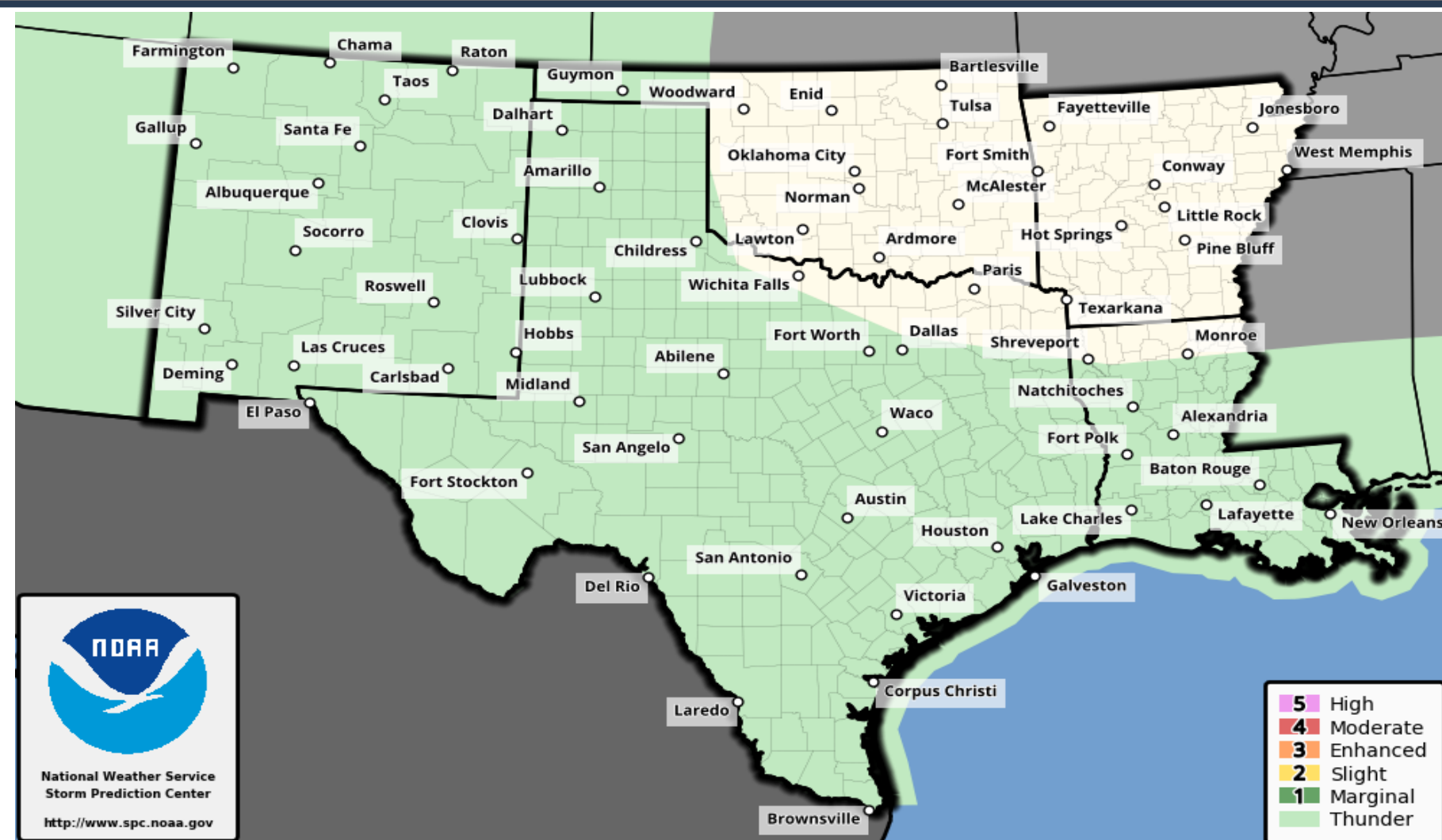


Forecast Rainfall

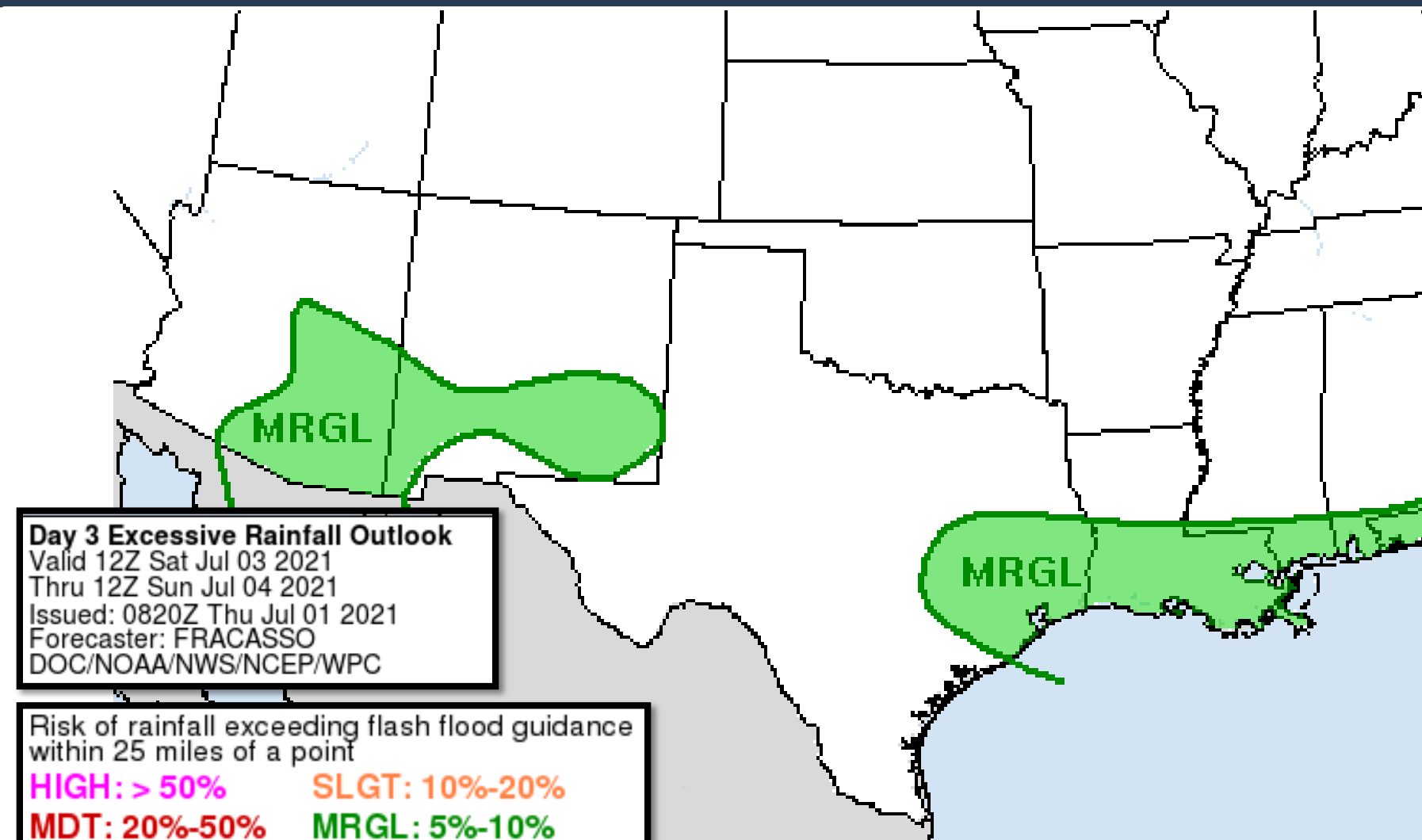


Isolated heavy rainfall and flash flooding will be possible across SETX Into S LA and also for S NM.

Severe Weather Outlook



Excessive Rainfall Outlook



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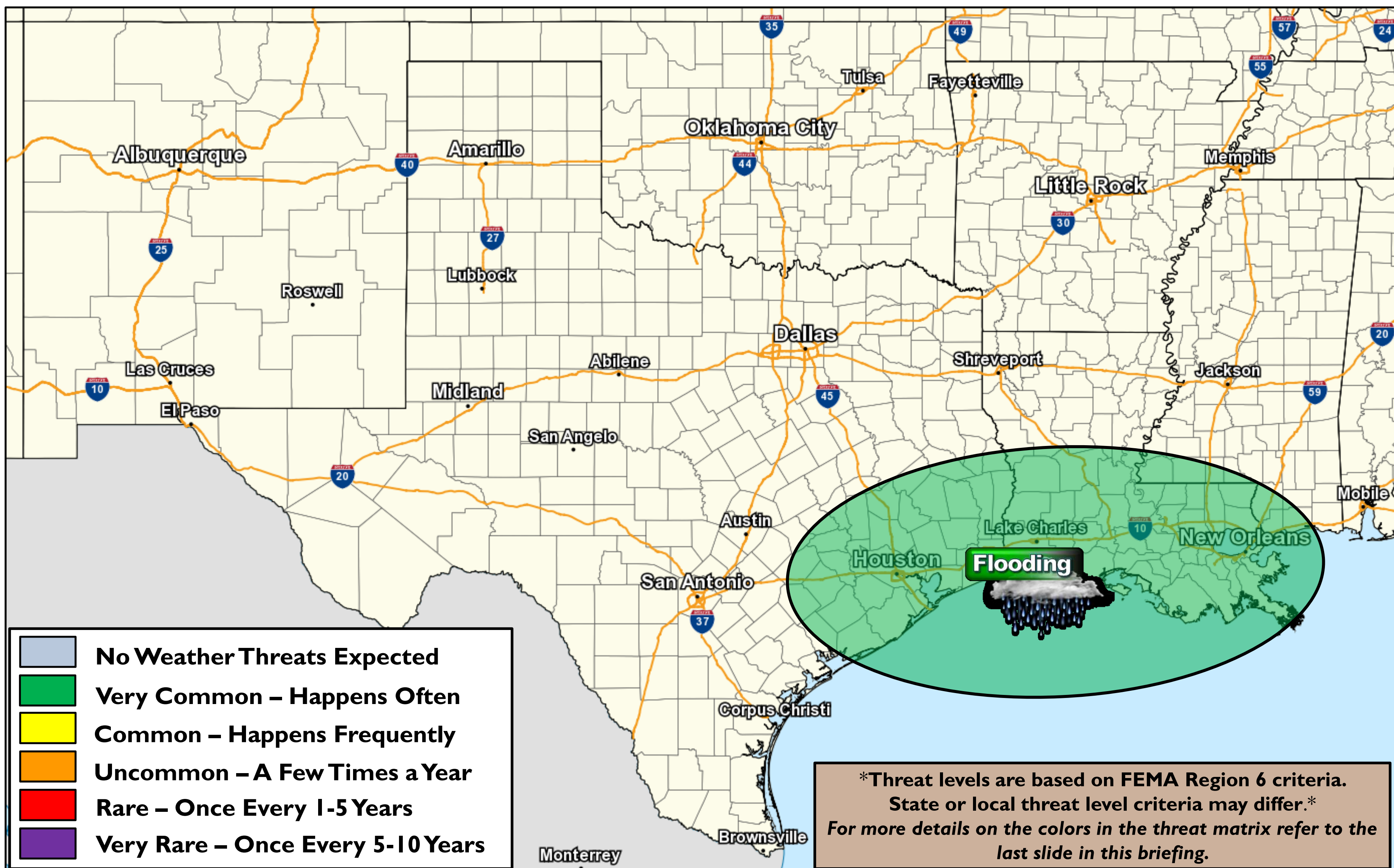
Days 4-5 Weather Hazards

Sunday - Monday



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Heavy rain/flash flood potential
for SE TX into S LA.

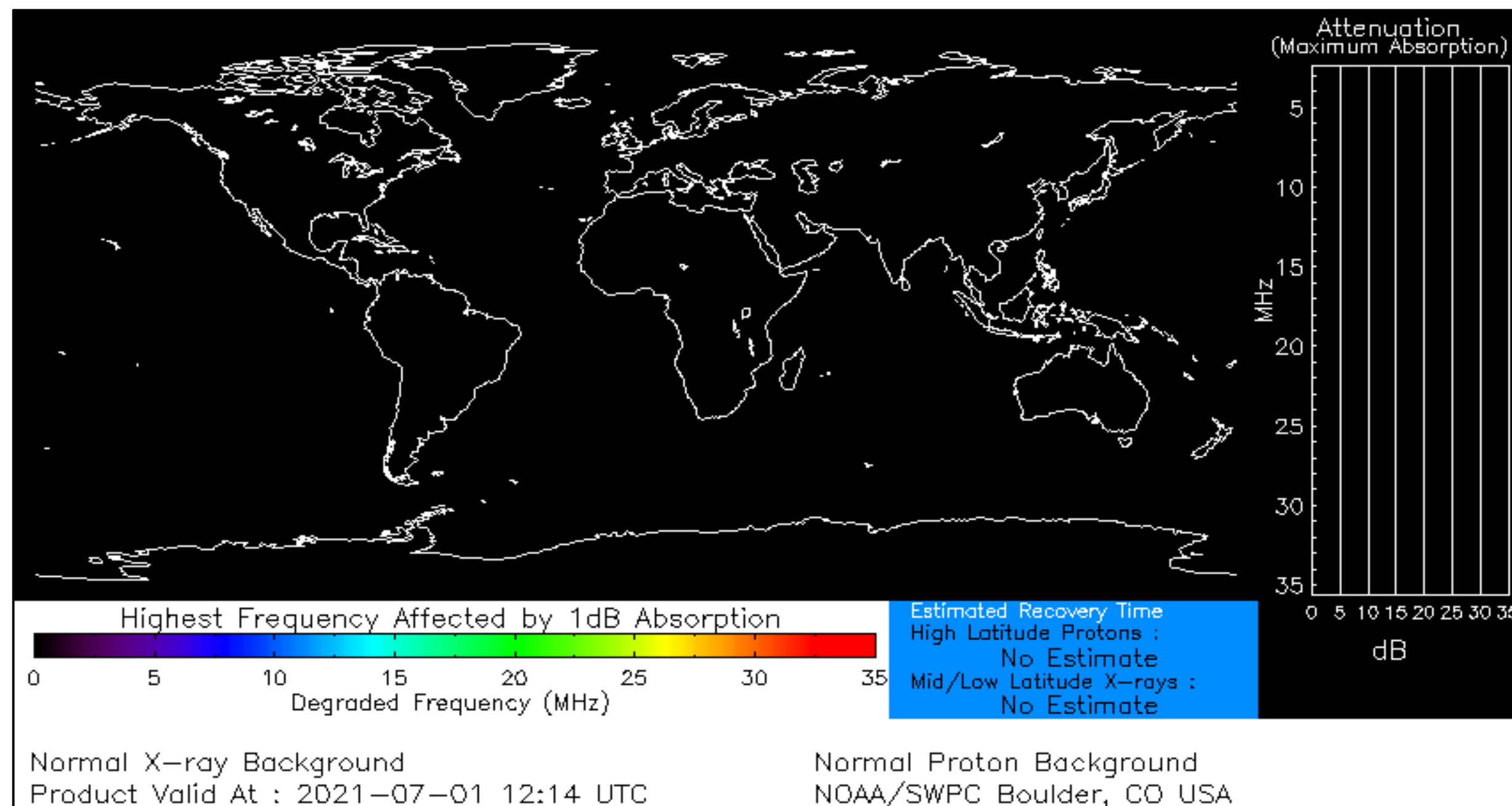


Space Weather 3-Day Forecast



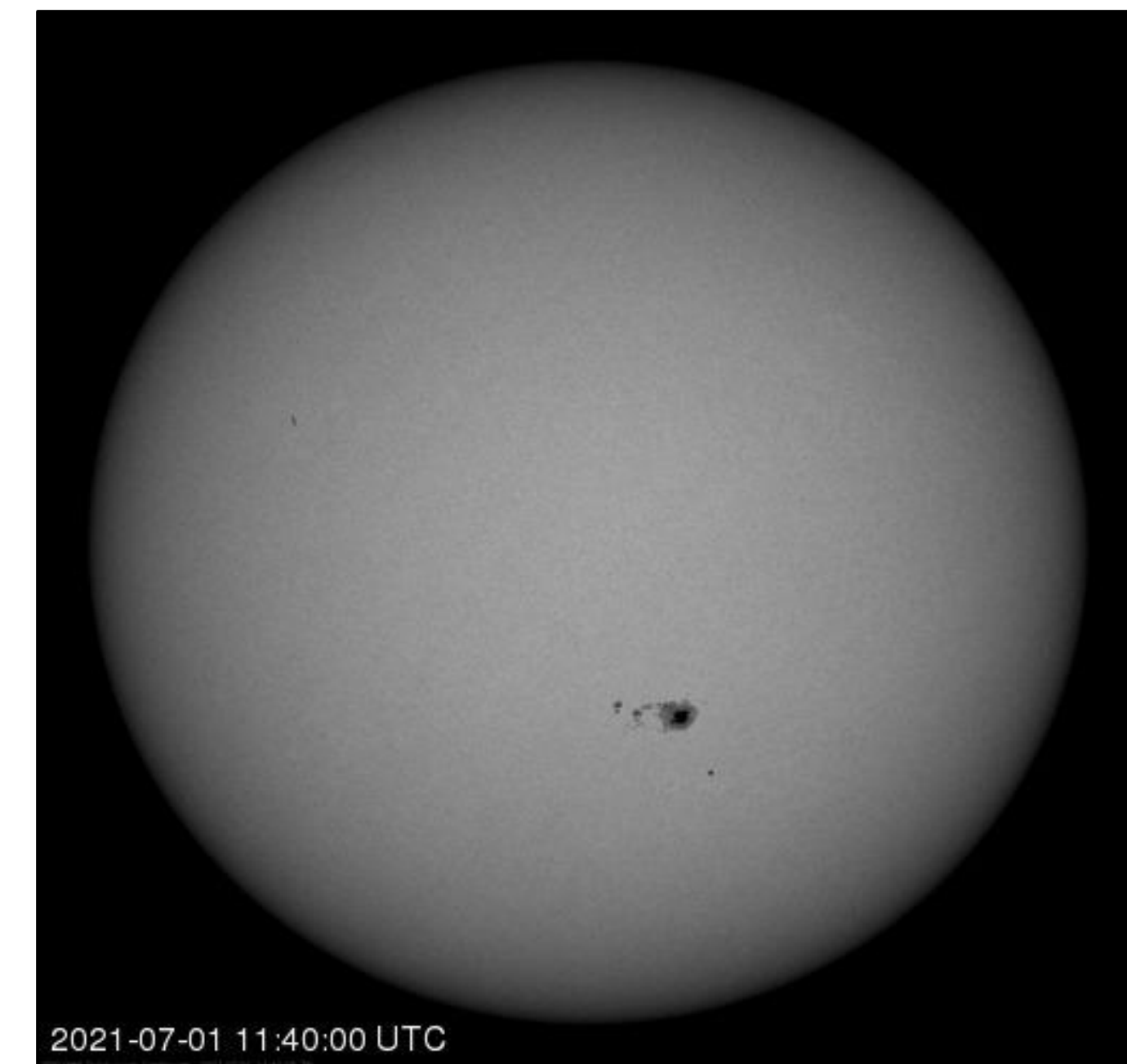
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	15%	15%	15%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov